ANNUAL STATISTICAL REPORT – FISCAL YEAR 1999: NORTH CAROLINA ALCOHOL & DRUG ABUSE TREATMENT CENTERS

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ANNUAL STATISTICAL REPORT FISCAL YEAR 1998-99 NORTH CAROLINA ALCOHOL & DRUG ABUSE TREATMENT CENTERS

INTRODUCTION:

This is an annual report providing information from selected service indicators on the North Carolina Alcohol & Drug Abuse Treatment Centers (ADATC). Data included in the report are compiled from client admissions, client movements including discharges, and client diagnostic information. The data are stored in the Division of Mental Health, Developmental Disabilities, and Substance Abuse Services client database.

Six detail summary tables are presented in this report. Eight additional graphs are provided to highlight data in the summary tables. Table 1 provides population summary data for fiscal year 1999 for each of the three Alcohol & Drug Abuse Treatment Centers. Data on persons served by region and county are presented in Table 2a, Table 2b, and Table 2c. Table 3a provides the demographic characteristics of the persons served at the three ADATCs. Table 3b shows the number of persons served by the three ADATCs by employment status and education. Table 3c presents number of persons served by the three ADATCs for two populations of special interest, pregnant women and injection drug users, by commitment level, and by diagnosis. Table 4 provides a comparison of major service indicators for the past ten fiscal years and Table 5 provides Discharge Days and Average Length of Stay for each of the three Alcohol & Drug Abuse Treatment Centers. Table 6a displays the primary drug of choice, while Table 6b provides any drug of choice for three Alcohol & Drug Abuse Treatment Centers.

ADMISSIONS:

Admissions have increased from 2,553 in fiscal year 1998 to 3,727 in fiscal year 1999 due primarily to the inclusion of the ADATC Butner. The percentage of first admissions was 58%. The percentage of first admissions has slightly decreased from 63% in fiscal year 1998. Of those persons admitted to an ADATC for the first time in fiscal year 1999, 36% were admitted to Black Mountain, 35% to Walter B. Jones, and 29% to Butner.

DISCHARGES:

There were 3,731 total direct discharges, deaths, indirect discharges, and transfer-outs in FY99. There was one death reported during FY99. The percent of direct discharges among total discharges was about 99%, while the percent of indirect discharges, those clients being discharged while on some type of leave placement, was about 1% in fiscal year 1999.

PERSONS SERVED:

The statistic "Person Served" is calculated by summing the book population at the beginning of the fiscal year plus all admissions and readmissions during the year. There were 3,933 persons served in state Alcohol & Drug Abuse Treatment Centers during fiscal year 1999.

The number of persons served per 100,000 population continues to be significantly lower in the South Central Region, at 34.6, than in the remaining three regions, in which each of the ADATCs is located. The Western, North Central, and Eastern regions rates are 50.9, 46.4, and 74.3 persons served per 100,000 population respectively. The "Persons Served" rate ranges from a high of 179.8 in Anson County to a low of 6.7 in Cumberland County, with an overall statewide rate of 51.4.

The average length of stay in FY99 was 20.1days, 3.0 days decrease from 23.1 days in FY98. The length of stay decreased at Black Mountain by 0.7 of a day and at Jones by 1.1 days. Since Butner ADATC was not reported last year, there is no comparison to the length of stay for FY99.

About thirty three percent of persons served at the ADATCs in FY99 were women, a decrease from 35.4% in FY98. The percentage of nonwhite persons served at ADATCs was 40.7% in FY99, slightly increase from 40.6% in FY98.

For fiscal year 1999, 48.9% of the persons served reported alcohol as their primary drug of choice and 41.5% reported cocaine. In FY99 alcohol as a primary drug of choice decreased by 2.7% and cocaine as a primary drug of choice increased by 3% compared to FY98. Overall, 78.1% of persons served reported abusing alcohol, 64.5% cocaine, and 42.8% marijuana in FY99.

TABLE 1

FISCAL YEAR 1998-99 SERVICE INDICATORS

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

SERVICE INDICATOR	TOTAL	ADATC BLK MT (WEST)	ADATC JONES (EAST)	ADATC BUTNER (N. CENTRAL)
TOTAL BOOK POPULATION (07/01/98)	205	97	65	43
Resident Population	205	97	65	43
TOTAL ADMISSIONS AND TRANSFERS First Admissions Readmissions Transfers In	3,727 2,180 1,545 2	1,313 776 536 1	1,230 763 467 0	1,184 641 542 1
TOTAL SEPARATIONS Direct Discharges Indirect Discharges Deaths Transfers Out	3,731 3,692 38 1 0	1,315 1,295 20 0 0	1,236 1,225 11 0 0	1,180 1,172 7 1 0
DISCHARGE REFERRALS No Referral Area Programs Other	3,933 128 3,766 39	1,410 119 1,281 10	1,295 9 1,269 17	1,228 0 1,216 12
TOTAL BOOK POPULATION (06/30/99)	211	95	59	57
Resident Population	160	94	59	42
PERCENT OCCUPIED DURING YEAR*	81%	88%	78%	76%
AVERAGE DAILY RESIDENT POPULATION	205	88	60	57

^{*} Blk Mt Capacity = 100, Jones Capacity = 77, Butner Capacity = 80.

TABLE-2a

PERSONS SERVED BY REGION DURING FY1998-99*

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

WESTERN REGION

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVE 7/1/1998	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVE 7/1/1998	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL	205	/1 3728	/2 3933	51.4					
WESTERN	89	1233	1322	50.9					
Blue Ridge	6	108	114	46.6	Piedmont	11	186	407	47.0
Buncombe	6	93	99	50.9	Cabarrus	$-\frac{11}{2}$	30	197 32	47.2 26.3
Madison	0	6	6	32.0	Stanly	1	50	51	26.3 90.8
Mitchell	0	4	4	27.1	Union	6	63	69	61.0
Yancey	0	5	5	30.1	Rowan	2	43	45	35.6
Catawba	2	36	38	28.6	Rutherford-Polk Polk Rutherford	- <u>1</u> 0 1	- 41 10 31	42 10 32	54.7 59.1 53.4
Foothills	12	116	420		Smoky Mt.	7	82	89	54.9
Alexander	- 12	16	128	54.7	Cherokee	0	6	6	26.1
Burke	5	38	43	49.9	Clay	0	6	6	71.9
Caldwell	2	44	43 46	50.6 60.7	Graham	0	6	6	79.2
McDowell	5	18	23	56.1	Haywood	2	32	34	64.9
		10	20	30.1	Jackson Macon	3	15	18	60.8
Gaston-Lincoln	12	118	130	38.9	Swain	1	9	10	34.6
Gaston	9	74	83	45.7	Owalli	1	8	9	73.0
Lincoln	2	18	20	33.2	Trend		44-		
Cleveland	1	26	27	29.3	Henderson	6 5	117	123	111.5
		-74.7		20.0	Transylvania	1	75	80	97.7
Mecklenburg	24	334	358	56.1	Tiansylvania	1	42	43	150.9
New River	8	95	103	66.4					
Alleghany	0.	3	3	30.9					;
Ashe	0	7	7	29.1					
Avery	0	11	11	70.2					
Watauga	8	43	51	122.6					
Wilkes	0	31	31	48.3					

^{*} Excludes Visiting and Outpatients; Includes Transfers In

Rate = Persons Served X 100,000

County Population

^{**} Persons Served Rate is based on FY99 population estimates

^{/1} Includes 6 out of State Residents

^{/2} Includes 6 out of State Residents

TABLE-2b

PERSONS SERVED BY REGION DURING FY1998-99*

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

EASTERN REGION

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVE 7/1/1998	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVE 7/1/1998	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL	205	/1 3728	/2 3933	51.4					
EASTERN	52	1098	1150	74.3					
Albemarle	5	115	120	105.4	Pitt	2	141	143	****
Camden	0			31.4	' '''	1	141	143	114.4
Chowan	1	9	10	69.5	RoaChowan	1	23	24	20.4
Currituck	0	6	6	34.6	Bertie	- 	- 23	<u>24</u>	33.1
Dare	2	37	39	134.3	Gates	0	5	177.5	29.9
Pasquotank	1	47	48	134.9	Hertford	1	8	5	49.7
Perquimans	1	14	15	134.8	Northampton	l o	4	9	41.7 19.2
							7	75	19.2
Duplin-Sampson	1	34	35	35.2	Southeastern	20	314	334	127.3
Duplin	0	13	13	28.8	Brunswick	$-\frac{1}{3}$	84	87	125.3
Sampson	1	21	22	40.5	New Hanover	15	211	226	147.4
				37.55	Pender	2	19	21	53.1
Edgecombe-Nash	2	82	84	58.1			.3	21	33,1
Edgecombe		39	39	71.3	Tideland	3	28	31	34.1
Nash	2	43	45	50.1	Beaufort		16	16	36.7
			!		Hyde	ŏ	2		
River Stone	2	30	32	58.1	Martin	2	6	2	38.0
					Tyrrell	0	1	8	31.3
Lenoir	1	30	31	52.4	Washington		3	1 4	27.9 30.9
					· · · · · · · · · · · · · · · · · · ·		,	4	30.9
Neuse	3	73	76	44.2	Wayne	l 2	34	36	31.2
Carteret	0	33	33	54.3		J ⁻	~~	30	31.2
Craven	2	29	31	34.3	Wilson-Greene	0	34	34	38.7
Jones	1	3	4	45.9	Greene	- 	- 4	- 4	21.8
Pamlico	0	8	8	66.0	Wilson	Ŏ	30	30	43.2
Onslow	10	160	170	442.0			-		NO.E
=	"	100	1/0	113.8					

^{*} Excludes Visiting and Outpatients; Includes Transfers In

Rate =

Persons Served X 100,000 County Population

^{**} Persons Served Rate is based on FY99 population estimates

^{/1} Includes 6 out of State Residents

^{/2} Includes 6 out of State Residents

TABLE-3a

PERSONS SERVED CHARACTERISTICS FY 1998-99

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

	То	tal	Blk (Wes		Jor (East		But (N. Ce	
	PS	- %	PS	%	PS	%	PS	%
Total Persons Served	3,933	100%	1,410	100%	1,295	100%	1,228	100%
			.,,	10070	1,200	.0070	1,220	10070
Age Group *								
18-20	164	4.2	72	5.1	39	3.0	53	4.3
21-24	302	7.7	96	6.8	109	8.4	97	7.9
25-34	1,382	35.1	509	36.1	441	34.1	432	35.2
35-44	1,494	38.0	554	39.3	498	38.5	442	36.0
45-54	478	12.2	142	10.1	176	13.6	160	13.0
55-64	101	2.6	34	2.4	29	2.2	38	3.1
65 +	12	0.3	3	0.2	3	0.2	6	0.5
Race								
Asian	4	0.1	1	0.1	2	0.2	1	0.1
Black	1,509	38.4	480	34.0	519	40.1	510	41.5
Hispanic	0	0.0	0	0.0	0	0.0	0	0.0
Indian	63	1.6	21	1.5	22	1.7	20	1.6
White	2,332	59.3	900	63.8	743	57.4	689	56.1
Other/Unknown	25	0.6	8	0.6	9	0.7	8	0.7
Sex								
Female	1,311	33.3	492	34.9	483	37.3	336	27.4
Male	2,622	66.7	918	65.1	812	62.7	892	72.6
Race By Sex			i					
Non-White Females	577	14.7	176	12.5	222	10 0	160	427
Non-White Males	1,024	26.0	334	23.7	233 319	18.0	168	13.7
White Females	734	18.7	316	23.7 22.4	250	24.6	371	30.2
White Males	1,598	40.6	584	41.4	493	19.3 38.1	168	13.7
vvinto maios	1,550	70.0	504	41.4	493	30.1	521	42.4
Marital Status								
Married	606	15.4	181	12.8	231	17.8	194	15.8
Separated	595	15.1	204	14.5	176	13.6	215	17.5
Divorced	940	23.9	371	26.3	267	20.6	302	24.6
Widowed	66	1.7	24	1.7	22	1.7	20	1.6
Single	1,723	43.8	629	44.6	597	46.1	497	40.5
Missing	3	0.1	1	0.1	2	0.2	0	0.0

Age at Admission

TABLE-3b

PERSONS SERVED CHARACTERISTICS FY 1998-99

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

		tal	Blk (Wes		Jor (Eas	nes tern)	But (N. Ce	
	PS	%	PS	%	PS	%	PS	%
Total Persons Served	3,933	100%	1,410	100%	1,295	100%	1,228	100%
Employement Status								
Full-time	531	13.5	166	11.8	227	17.5	138	11.2
Part-time	46	1.2	10	0.7	17	1.3	19	1.5
Unemployed	3,059	77.8	1,081	76.7	959	74.1	1,019	83.0
Retired	12	0.3	6	0.4	4	0.3	2	0.2
Self-employed	130	3.3	50	3.5	66	5.1	14	1.1
Not in Labor Force	108	2.7	54	3.8	19	1.5	35	2.9
Armed Forces	1	0.0	0	0.0	1	0.1	0	0.0
Migrant/Seasonal	0	0.0	0	0.0	o	0.0	0	0.0
Other/Unknown	46	1.2	43	3.0	2	0.2	1	0.1
Education								
Kindergarten	0	0.0	0	0.0	0	0.0	0	0.0
1st - 7th Grade	108	2.7	26	1.8	34	2.6	48	3.9
8th Grade	197	5.0	67	4.8	58	4.5	72	5.9
9th - 11th Grade	1,176	29.9	452	32.1	343	26.5	381	31.0
12th Grade	1,376	35.0	473	33.5	452	34.9	451	36.7
GED or 1 year of college	506	12.9	197	14.0	148	11.4	161	13.1
Tech/Trade School or	282	7.2	95	6.7	157	12.1	30	2.4
2 years of college	1			7.554		1,000		-
Associate Degree or	119	3.0	48	3.4	28	2.2	43	3.5
3 years of college	1	V40-044	1171/20	N BOOK				0.0
College Graduate	122	3.1	46	3.3	47	3.6	29	2.4
Graduate School	17	0.4	4	0.3	7	0.5	6	0.5
Special Education	8	0.2	1	0.1	1	0.1	6	0.5
Unknown/None	22	0.6	1	0.1	20	1.5	1	0.1

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TABLE-3c PERSONS SERVED CHARACTERISTICS FY 1998-99 NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

	То	otal		Mt tern)		nes tern)		ner entral)
	PS	%	PS	%	PS	%	PS	%
Total Persons Served	3,933	100%	1,410	100%	1,295	100%	1,228	100%
Special Populations			,					
Injection Drug Users * All Other Persons Served	144 3,789	3.7 96.3	30 1,380	2.1 97.9	93 1,202	7.2 92.8	21 1,207	1.7 98.3
Pregnant Women All Other Women Not Reported	56 1,038 208	4.3 83.3 100.0	11 472 9	2.2 95.9 1.8	35 433 6	7.4 91.4 1.3	10 133 193	3.0 39.6 57.4
Commitment								
Voluntary Involuntary Involuntary-Emergency	3,595 244 94	91.4 6.2 2.4	1,285 125 0	91.1 8.9 0.0	1,273 0 22	98.3 0.0 1.7	1,037 119 72	84.4 9.7 5.9
Diagnosis **								
Alcohol Only Alcohol, Drugs Secondary Drugs, Alcohol Secondary Drugs Only Not Reported	776 1,057 1,092 816 192	19.7 26.9 27.8 20.7 4.9	280 574 302 249 5	19.9 40.7 21.4 17.7 0.4	283 272 413 302 25	21.9 21.0 31.9 23.3 1.9	213 211 377 265 162	17.3 17.2 30.7 21.6 13.2

^{*} Any reported injection drug use during the month prior to admission.
**Based on Reported Major Substance Abused, Section F of Diagnostic Report.
(Note: "other" category excluded to avoid difference in reporting tobacco use.)

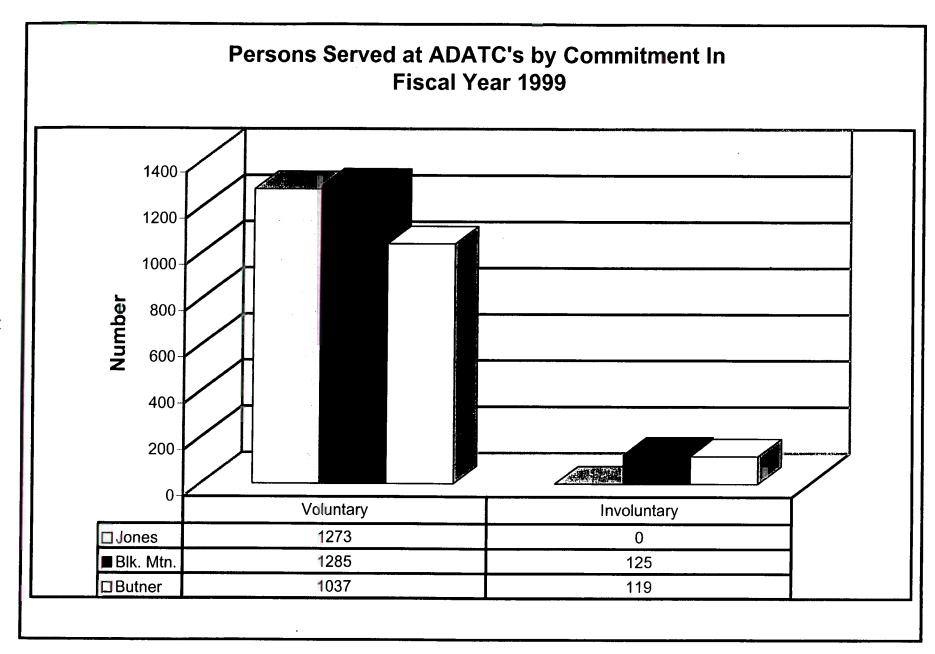


TABLE 4

TRENDS OF MAJOR SERVICE INDICATORS

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

Service Indicators	FY 90	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99
Resident Pop. July 1	246	240	218	213	210	224	245	241	165	205
Total Admissions	3,437	3,171	3,364	3,287	3,222	3,457	3,692	2,918	2,553	3,727
First Admissions	2,446	2,162	2,393	2,284	2,165	2,365	2,365	1.830	1,621	2,180
Readmissions	971	982	961	977	610	1,087	1,318	1,083	932	1,545
Transfers In	20	27	10	26	447	5	9	5	0	2
Persons Served	3,685	3,414	3,587	3,503	3,434	3,681	3,937	3,159	2,718	3,933
Total Discharges	3,442	3,191	3,371	3,291	3,210	3,435	3,696	2,994	2,556	3,731
Direct Discharges	3,212	3,006	3,120	3,122	3,108	3,354	3,628	2,940	2,530	3,692
Indirect Discharges	215	174	236	165	93	75	46	37	26	38
Deaths	0	0	0	0	0	1	1	0	0	1
Transfers Out	15	11	15	4	9	5	21	17	0	0
Average Daily Pop.	231	219	225	222	219	237	237	221	132	204
Resident Pop June 30	240	218	213	210	224	245	240	164	162	196

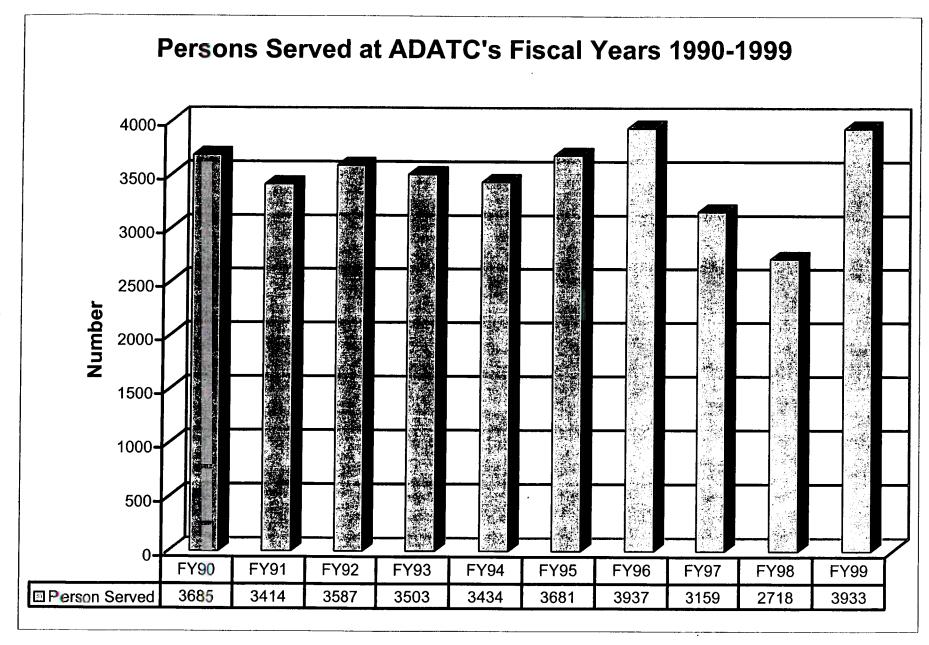


TABLE 5

Days in ADATC and Average Length of Stay for Discharges in FY99

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS
(ADATC's)

♥	Total		Black	(Mt	Jon	es	Butner		
Days in ADATC *	N	%	N	%	N	%	N	%	
1 - 7 Days	461	11.7	86	6.1	178	13.7	197	16.0	
8 - 14 Days	529	13.5	83	5.9	91	7.0	355	28.9	
15 - 21 Days	786	20.0	105	7.4	199	15.4	482	39.3	
22 - 28 Days	1,197	30.4	269	19.1	767	59.2	161	13.1	
29 Days	816	20.7	761	54.0	45	3.5	10	0.8	
30 - 35 Days	75	1.9	45	3.2	12	0.9	18	1.5	
36 - 42 Days	52	1.3	46	3.3	2	0.2	4	0.3	
43 - 50 Days	14	0.4	14	1.0	0	0.0	0	0.0	
Over 50 Days	3	0.1	1	0.1	1	0.1	1	0.1	
Total Discharges	3,933	100.0	1,410	100.0	1,295	100.0	1,228	100.0	
Total Days	78,9	67	35,925		24,409		18,633		
Ave. Length of Stay	20.	1	25.5 18.8		8	15.2			

Note:

- * Discharge data was available for all persons served in FY99
- * Length of Stay is calculated as ((Discharge Date Admission Date) + 1)
- * Note that we have not adjusted for leave days

Days in ADATC's and Average Length of Stay for Discharges in FY1999

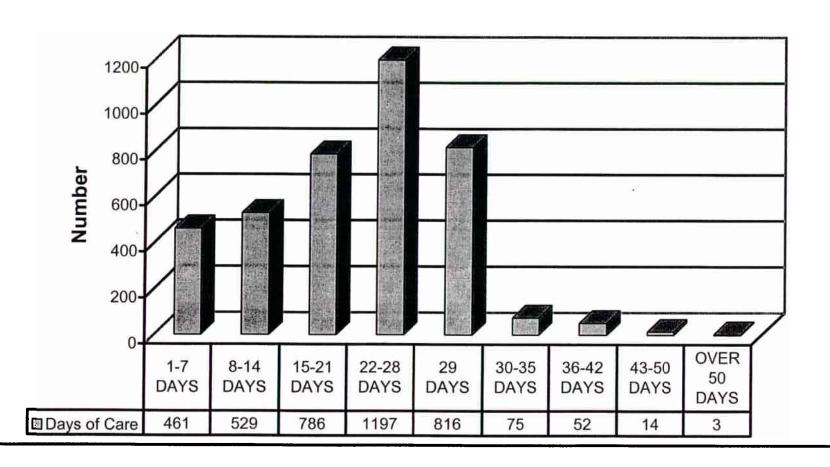


TABLE-6a

Reported Primary Substance of Abuse in FY99

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

	To	tal	Blac	k Mt	Jon	es	But	ner
Primary Drug	N	%	N	%	N	%	N	%
Alcohol	1,833	48.9	854	60.7	555	43.6	424	39.8
Cocaine	1,553	41.5	420	29.9	575	45.2	558	52.3
Marijuana	162	4.3	70	5.0	50	3.9	42	3.9
Heroin	106	2.8	21	1.5	70	5.5	15	1.4
Non-Pre. Methadone	2	0.1	0	0.0	0	0.0	2	0.2
Other Opiates	38	1.0	18	1.3	11	0.9	9	0.8
PCP	0	0.0	0	0.0	0	0.0	0	0.0
Other Hallucinogens	2	0.1	0	0.0	0	0.0	2	0.2
Methamphetamine	9	0.2	6	0.4	1	0.1	2	0.2
Other Amphetamines	1	0.0	1	0.1	0	0.0	0	0.0
Other Stimulants	0	0.0	0	0.0	0	0.0	0	0.0
Benzodiazepine	25	0.7	12	0.9	3	0.2	10	0.9
Other Tranquilizers	0	0.0	0	0.0	0	0.0	0	0.0
Barbiturates	3	0.1	1	0.1	2	0.2	Ö	0.0
Other Sedatives	0	0.0	0	0.0	0	0.0	0	0.0
Inhalants	4	0.1	2	0.1	0	0.0	2	0.2
Over-the-Counter	0	0.0	0	0.0	0	0.0	0	0.0
Other	7	0.2	1	0.1	6	0.5	0	0.0
Subtotal	3,745	100.0	1,406	100.0	1,273	100.0	1,066	100.0
Not Reported	188	4.8	4	0.3	22	1.7	162	13.2
Total	3,933		1,410		1,295		1,228	* 5' =

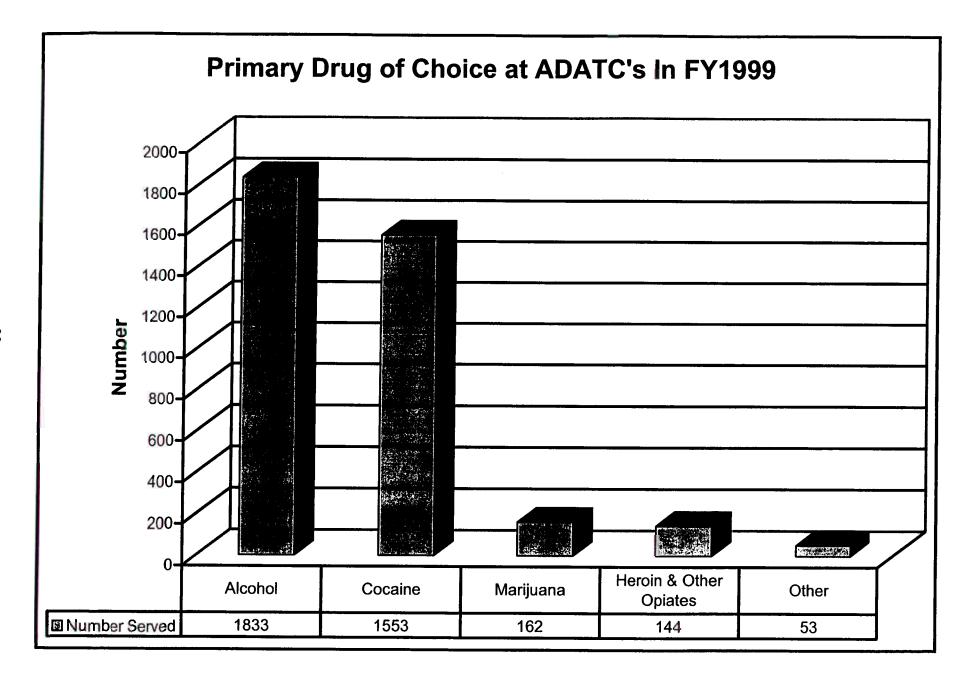


Table-6b

Any Reported Use: Primary, Secondary, or Tertiary Substances in FY99

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

	Total		Black	Mt	Jone	es	Butr	er
Substance	N	%	N	%	N	%	N	%
Alcohol	2,925	78.1	1,156	82.2	968	76.0	801	75.
Cocaine	2,416	64.5	852	60.6	815	64.0	749	70.3
Marijuana	1,604	42.8	686	48.8	528	41.5	390	36.6
Heroin	188	5.0	42	3.0	116	9.1	30	2.8
Non-Pre. Methadone	5	0.1	0	0.0	1	0.1	4	0.4
Other Opiates	114	3.0	66	4.7	23	1.8	25	2.3
PCP	0	0.0	0	0.0	0	0.0	0	0.0
Other Hallucinogens	14	0.4	8	0.6	2	0.2	4	0.4
Methamphetamine	31	0.8	24	1.7	3	0.2	4	0.4
Other Amphetamines	9	0.2	5	0.4	1	0.1	3	0.3
Other Stimulants	1	0.0	0	0.0	1	0.1	0	0.0
Benzodiazepine	164	4.4	104	7.4	10	0.8	50	4.7
Other Tranquilizers	2	0.1	0	0.0	1	0.1	1	0.
Barbiturates	8	0.2	6	0.4	2	0.2	Ö	0.0
Other Sedatives	6	0.2	1	0.1	1	0.1	4	0.4
Inhalants	8	0.2	3	0.2	2	0.2	3	0.3
Over-the-Counter	4	0.1	4	0.3	0	0.0	0	0.0
Other	24	0.6	9	0.6	15	1.2	0	0.0

Note: Percent is based on the Subtotals in Table 6a, i.e., Persons Served with a Reported Primary Substance.